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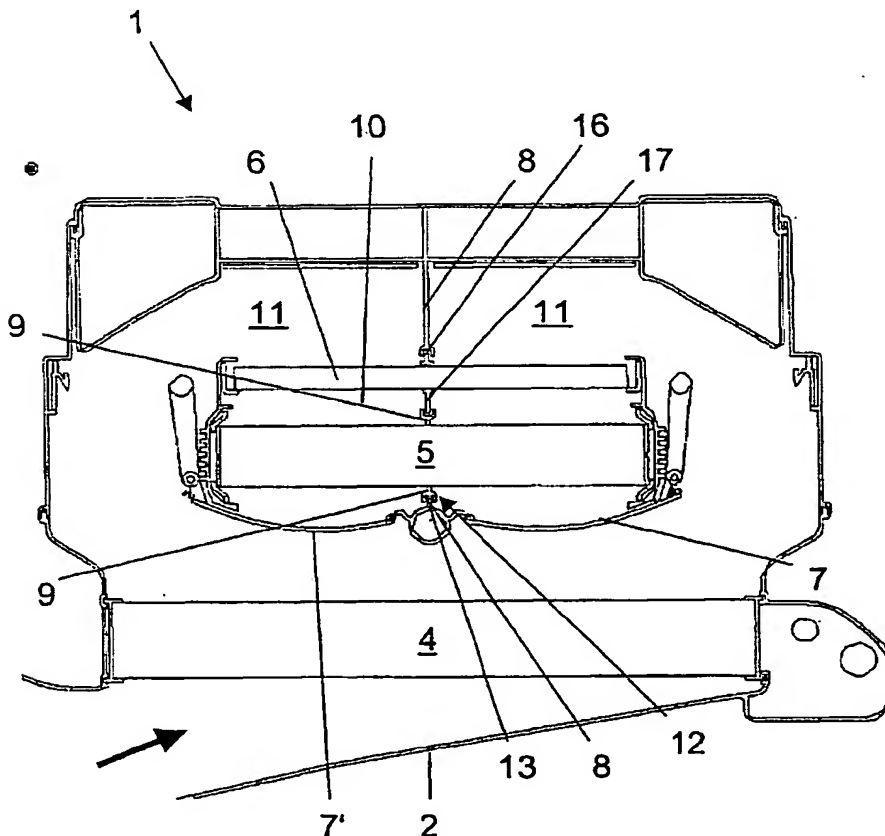
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(54) Title: MULTIZONE AIR CONDITIONING SYSTEM OF A MOTOR VEHICLE

(54) Bezeichnung: MEHRZONIGE KRAFTFAHRZEUG-KLIMAAANLAGE



(57) Abstract: The invention relates to a multizone air conditioning system (1) of a motor vehicle, comprising, when observed from the direction of airflow, a regulating organ (7) for regulating the temperature, an evaporator (4) and a heating element (5), which are arranged in an air guiding housing (2). Said air guiding housing (2) has partition walls (8) and at least one partition element (9;16) for tightly separating the individual zones of the air conditioning system (1) in the heating element (5) and/or a heater (6), said partition wall cooperating with the partition walls (8) and/or partition elements (6; 19) of adjacent components or the network of the heating element is as wide as the adjacent collecting tanks of the heating element in the direction of airflow and is tightly and directly located on a partition wall.

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For an explanation of the two-letter codes and the other abbreviations, reference is made to the explanations ("Guidance Notes on Codes and Abbreviations") at the beginning of each regular edition of the PCT Gazette.

(57) Zusammenfassung: Die Erfindung betrifft eine mehrzonige Kraftfahrzeug-Klimaanlage (1), mit in Luftströmungsrichtung gesehen einem Regelorgan (7') zur Regelung der Temperatur, einem Verdampfer (4) und einem Heizkörper (5), die in einem Luftführungs-Gehäuse (2) angeordnet sind, wobei das Luftführungs-Gehäuse (2) Trennwände (8) aufweist, und mindestens ein Trennelement (9;16) zur dichten Abtrennung der einzelnen Zonen der Klimaanlage (1) am Heizkörper (5) und/oder an einem Zuheizter (6) vorgesehen ist, das mit den Trennwänden (8) und/oder Trennelementen (6; 19) benachbarter Komponenten zusammenwirkt, oder das Netz des Heizkörpers in Richtung der Luftströmungsrichtung so breit wie die benachbarten Sammel tanks des Heizkörpers ist und direkt an einer Trennwand dicht anliegt.